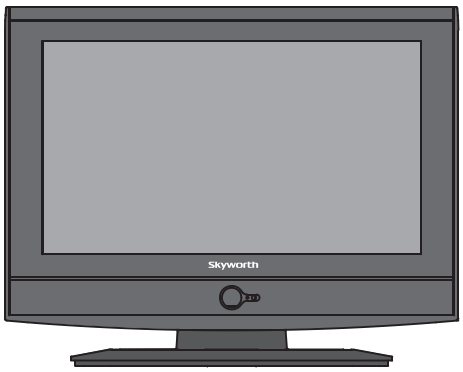
Skyworth

OWNER'S MANUAL for

SLTV-26L16A-2

Digital High Definition LCD Television



Before Connecting, operating or adjusting this product, please read the instructions completely.
Please keep this manual for future reference.
For future reference, record the serial number of your LCD TV.

Description: MANUAL-8R28	
MODEL. 26L16	Brand Name: SKYWORTH
JOB NO. 89148U	
Engineering Dept:	
Artwork By:	Date: 2008-10-07
Checked By:	Date:
Approved By:	Date:

SIZE:A4

WARNING

RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lighting flash with arrow head within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

Double insulation this is class II apparatus.

The mains plug used as the disconnect device. The disconnect device shall remain readily operable.

WARNING: To reduce the risk of electric shock do not expose this apparatus to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

WARNING: According to the industrial standards, there are a certain number of defective pixels both bright and dark that are acceptable. Although we produce panel with more than 99.99 percent active cells, there still may be some cells that do not produce light or remain lit. For more information, please contact sales or the technical support.

WARNING: Do not leave any stationary images, patterns, PIP box, or letterbox images on the screen for an extended period of time. Also, do not display the same stationary patterns frequently. This may result in permanent ghost images on the display unit. This type of damage is not covered under warranty. Examples of this type of situation can be but not limited to the following: side bar images, stock market report bars, video game patterns, closed captioning, shopping channel logo, price display, and letterbox black bars. To prevent this type of damage, display constant moving images that fill the screen as often as possible.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the use·s authority to operate this equipment.

TV/CATV MODE SELECTION

When shipped from the factory, the TV/CATV menu option is set to the "TV" mode. If using CATV, set the menu option to "CATV" (Cable Television)

IMPORTANT SAFETY INSTRUCTIONS

1.READ INSTRUCTIONS - All the safety and operating instructions should be read before the unit is operated.
2.RETAIN INSTRUCTIONS - The safety and operating instructions should be retained for future reference.
3.HEED WARNINGS - All warnings on the unit and in the operating instructions should be adhered to.
4.FOLLOW INSTRUCTIONS - All operating and use instructions should be followed.
5.CLEANING - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning the exterior cabinet only.
6.ATTACHMENTS - The manufacturer of this unit does not make any recommendations for attachments, as they may cause hazards.
7.WATER AND MOISTURE - Do not use this unit near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
8.ACCESSORIES - Do not place this unit on an unstable cart, stand, tripod, bracket, or table.
The unit may fall, causing serious injury, and serious damage to the unit. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING

S3126A

9.VENTILATION - Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the unit and to protect it from overheating. These openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This unit should never be placed near or over a radiator or heat source. This unit should not be placed in a built-in installation, such as a bookcase, or rack unless proper ventilation is provided or the manufacture s instructions have been adhered to.
10.POWER SOURCE - This unit should be operated only from the type of power source indicated on the rating plate. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For units intended to operate from battery power, or other sources, refer to the operating instructions.

11.POLARIZATION - This unit is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

12.POWER-CORD PROTECTION - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13.LIGHTNING - To protect your unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power line surges.

14. POWER LINES - An outside antenna system should not be located in the vicinity of overhead power lines, or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

15.OVERLOADING - Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16.OBJECT AND LIQUID ENTRY - Do not push objects through any openings in this unit as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

17.OUTDOOR ANTENNA GROUNDING - If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

18.SERVICING - Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

19.DAMAGE REQUIRING SERVICE - Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A. When the power-supply cord or plug is damaged.
B. If liquid has been spilled, or objects have fallen into the unit.
C. If the unit has been exposed to rain or water.
D. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to Its normal operation.
E. If the unit has been dropped or the cabinet has been damaged.
F. When the unit exhibits a distinct change in performance, this indicates a need for service.

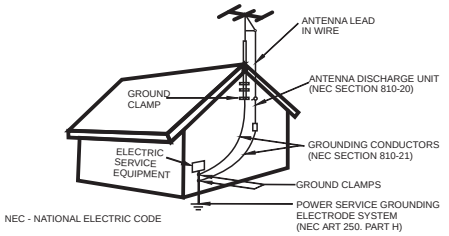
20.REPLACEMENT PARTS - When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

21.SAFETY CHECK - Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

22.HEAT - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products(including amplifiers) that produce heat.

23.NOTE TO CATV SYSTEM INSTALLER - This reminder is provided to call the CATV system installer s attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, In particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE S2898A


ANTENNA LEAD IN WIRE
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
GROUND CLAMP
GROUNDING CONDUCTORS (NEC SECTION 810-21)
ELECTRIC SERVICE EQUIPMENT
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250. PART H)
NEC - NATIONAL ELECTRIC CODE

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Preparation

Thank you very much for your purchase of this product-the most natural Colour Television Receiver. To enjoy your set to the full from the very beginning, read this manual carefully and keep it handy for ready reference.

The power consumption of the display is approximately 150 watts, please use the power cord designated for the product. When an extension cord is required, use one with the correct power rating. The cord must be grounded and the grounding feature must not be defeated.

The product should be installed on a flat surface to avoid tipping. Space should be maintained between the back of the product and the wall for proper ventilation. If you would like to mount the TV to the wall, please see " Preparing the LCD for Wall Mounting" below for additional information. Avoid installing the product in the kitchen, bathroom or other places with high humidity, dust or smoke so as to shorten the service life of the electronic components.

Please ensure the product is installed with the screen in landscape orientation. Any 90^{0} clockwise or counterclockwise installation may induce poor ventilation and excessive component damage.

Preparing Your LCD TV For Wall Mounting

The HDTV can either be kept on the stand base or mounted to the wall for viewing. If you choose to mount the HDTV to the wall, please follow the instructions below .

To Remove The Stand Base:

1.Unplug all the cables and cords from your LCD TV.
2.Place the LCD TV face down on a soft and flat surface (blanket, foam, cloth, etc) to prevent any damage to the display.
3.Remove the screws on the back panel of the TV located near the bottom so that the base stand can be removed. (See the right figure)
4.Gently pull the stand away from the display by grasping firmly to the base.
5.Now the display can fit securely to a mount (sold separately) by utilizing the mounting holes in the back panel of the display (See the right figure). Please make sure to read the directions of your specific wall mount to properly hang the HDTV. Make sure the wall mount is rated to support at least 65 lbs.

Professional mounting kits and installation service are recommended.

Connections and Setup

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all devices before you plug any of their power cords into the wall outlet or power strip. NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV and/or device(s) before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety

Instructions at the beginning of the User's Guide

- Protect Devices from Overheating.
- Don't block ventilation holes on any of the devices. Arrange the devices so that air can circulate freely.
- Don't stack devices.
- If you place devices in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other devices.

Position Cables Properly to Avoid Audio Interference

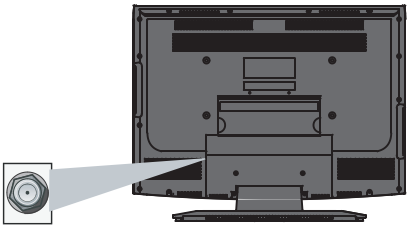
- Insert each cable firmly into the designated jack.
- If you place devices above the TV, route all cables down the side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Use Indirect Light

Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Get the Picture

The first part of connecting your TV is to get the picture, also known as the signal. The back panel of your TV allows you to receive analog and/or digital channels by using the ANTENNA/CABLE INPUT. See the graphic to the bottom for location of the jack.



ANTENNA/CABLE INPUT

Getting Channels

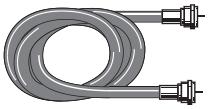
What You Need

Antenna ("rabbit ears") or outdoor antenna with coaxial cable OR Coaxial cable with cable service

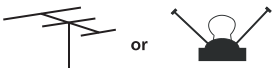
A. Do you have an indoor or outdoor antenna? If not, go to step B. If so, plug the antenna or coaxial cable from the wall outlet into the ANTENNA/CABLE INPUT to receive free off-air local digital and analog channels.

B. Do you have cable? If so, plug the coaxial cable from the wall outlet into the ANTENNA/CABLE INPUT to receive your cable channels.

C. Do you have a set-top box? If so, you may need to call your cable company or satellite service provider. They may use special cables to allow you to view digital channels.



Coaxial cable



or

Outdoor or Indoor antenna

What You Need To Know

Visit www.antennaweb.org to get help deciding what type of antenna to use to receive the local digital channels available to you. By entering where you live, this mapping program tells you what local analog and digital stations are available using a certain antenna. When you are ready to watch channels, the channel banner displays the type of channel you're viewing. Look for a D at the bottom of the screen for digital channels; look for an A for analog channels.

Choose your connection

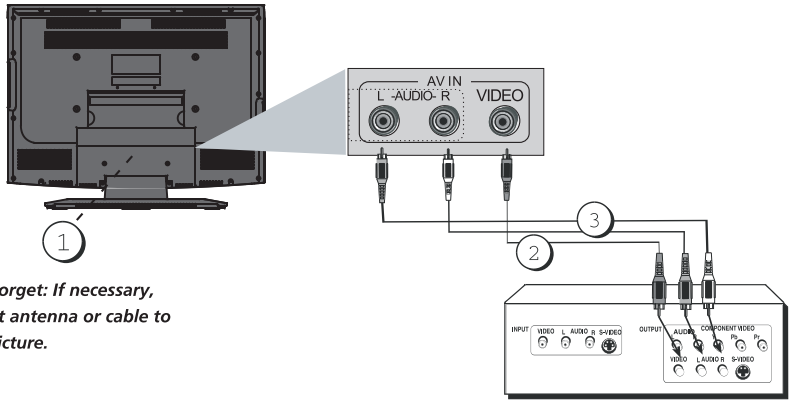
There are several ways to connect your TV. Please use the following chart to determine which connection is best for you. Proceed to the appropriate page and connect your TV.

Input Signal Compatibility.

INPUT SIGNAL	SUPPORT FORMAT
Ant/Cable	480i, 480p, 720p, 1080i (NTSC, ATSC, and QAM formats)
Composite Video	480i
Component Video	(480i, 480p, 720p, 1080i)/60HZ
PC	VGA(640X480)@60HZ SVGA(800X600)@60HZ XGA(1024X768)@60HZ WXGA(1280X720)@60HZ WXGA(1280X768)@60HZ WXGA(1360X768)@60HZ
HDMI	480i(640x480i) @59.94/60HZ 480p(640x480p)@59.94/60HZ 720p(1280x720p) @59.94/60HZ 1080i(1920x1080i) @59.94/60HZ 1080p(1920x1080p) @59.94/60HZ
DVI	VGA(640x480)@60HZ SVGA(800x600)@60HZ XGA(1024X768)@60HZ WXGA(1280x720)@60HZ WXGA(1280x768)@60HZ WXGA(1360x768)@60HZ

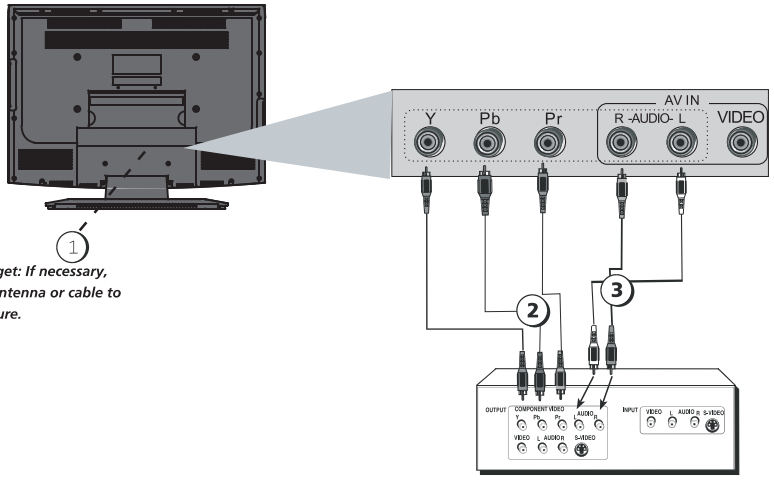
Connections and Setup

Video (Basic) Connection
This is an example of a connection using the composite video jack.



Don't forget: If necessary, connect antenna or cable to get a picture.

Component Video (Advanced) Connection
This is an example of a connection using the Component Video jacks.

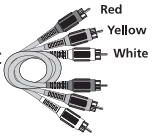


Don't forget: If necessary, connect antenna or cable to get a picture.

Connecting the Device with Composite Video (Basic)

This connection allows you to connect a device that has a Video Out jack, for example, a DVD player. Using the example of a DVD player:

1. If necessary, connect your cable and/or off-air antenna as described on page 12.
2. Connect your yellow video cable. Connect a video cable to the (VID1) Video jack on the back of the TV and to the Video Output jack on the DVD player.
3. Connect your red and white audio cables. Connect the audio (red and white) cables to the (VID1) R and L Audio jacks on the back of the TV and to the Audio Output jacks on the DVD player.

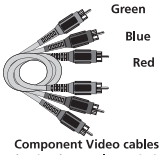


Composite cables are color coded- Yellow= video; Red= right audio; white= left audio

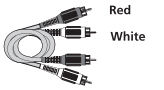
Connecting the Device with Component Video (Advanced)

This connection allows you to connect a device that has Y Pb Pr jacks, for example, a DVD player. Using the example of a DVD player:

1. If necessary, connect your cable and/or off-air antenna as described on page 12.
2. Connect your Y Pb Pr component video cables. Connect three video cables or special Y Pb Pr cables to the COMPONENT INPUT (CMPT) Y Pb Pr jacks on the back of the TV and to the Y Pb Pr outputs on the DVD player.
3. Connect your red and white audio cables. Connect the audio (red and white) cables to the Component Input (CMPT) R and L Audio jacks on the back of the TV and to the Audio Output jacks on the DVD player.



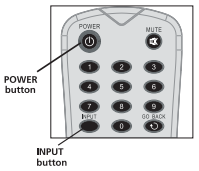
Component Video cables (Y Pb Pr) are color coded- Green, Blue and Red



Audio cables are color coded- Red= right audio; white= left audio

Viewing the Picture from the Connected Device

1. Plug in the TV and the device, if they aren't already plugged in.
2. Turn on the TV and the device you want to view, for example a DVD player.
3. Press the INPUT button on the remote control until you select VID1 (if connected to the VIDEO INPUT 1 jack) or YUV (if connected to the YUV jacks) and press OK.
   To go back to view TV channels, use the number buttons to enter the channel you want to view.



Use these buttons to view the picture of the device you've connected to the TV.

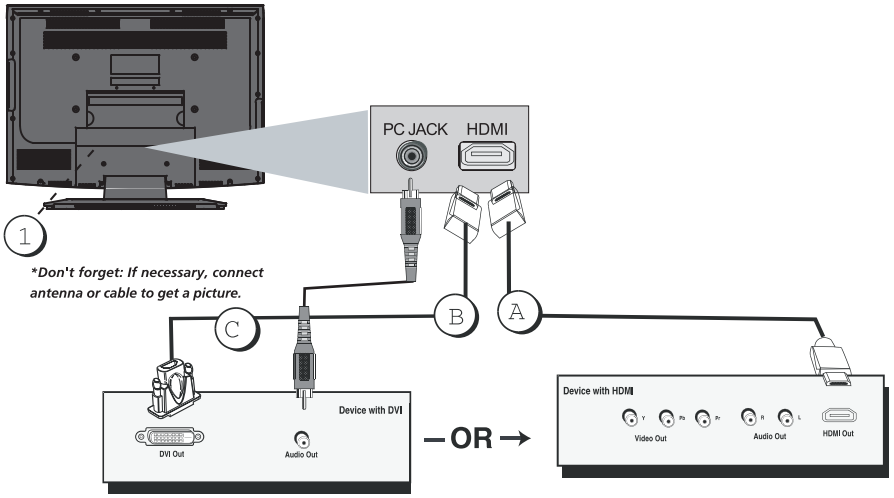
Note : If the picture from the DVD player appears black and white and your device is connected to the VIDEO Input, you might tune to the wrong input. Make sure you press INPUT until you select VID1 or YUV displayed at the top of the TV's screen.

Note : If the device you're connecting also has Component Video jacks and you have component video cables, we recommend you use the Component Video (Advanced) Connection instead. See instructions below.

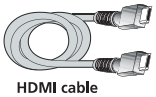
Note :

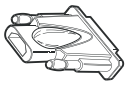
If you have connected the devices to your TV, go to page 12 to complete the Initial Setup. To continue connecting devices, go to the next page.

HDMI/DVI Connection
This is an example of a connection using the HDMI1/DVI jack.



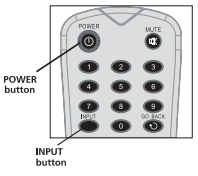
Connecting the HDMI Device
High-Definition Multimedia Interface (HDMI) technology is an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with devices that have a DVI output jack. Using the example of a set-top box:
If your set-top box has an HDMI jack, connect an HDMI cable. Connect an HDMI cable to the DVI Input jack (or the HDMI jack if it is more convenient) on the back of the TV and to the HDMI Out jack on the back of the device.
If your set-top box has a DVI jack, connect an HDMI cable and an HDMI/DVI adapter.
1. Connect an HDMI cable to the DVI Input jack on the back of the TV.
2. Attach an HDMI/DVI adapter to the end of the HDMI cable, then connect the adapter to the DVI Out jack on the set-top box.
3. Since you're using an HDMI/DVI adapter, you need to connect Audio cables to the Connect a 3.5mm stereo mini pin cable to the PC AUDIO jack on the back of the TV and to the R and L audio jacks on the back of the device.


HDMI cable


HDMI/DVI adapter

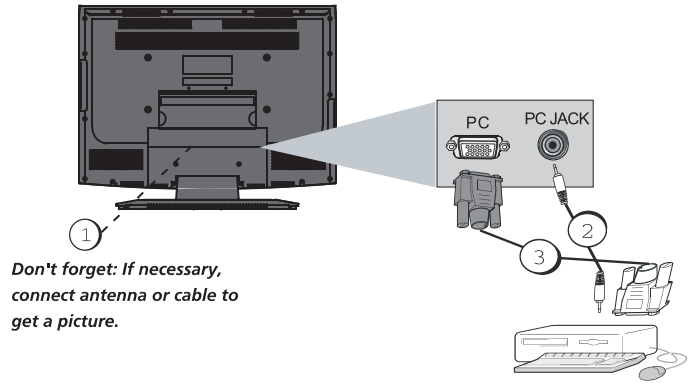
Audio cables are color coded- Red= right audio; white= left audio

Viewing the Picture from the Connected Device
The device in this connection is connected to the HDMI /DVI jack.
To view this device:
1. Plug in the TV and the device, if they aren't already plugged in.
2. Turn on the TV and the device you want to view, for example a set top box.
3. Press the INPUT button until you select HDMI and press OK on the remote control. To go back to view TV channels, use the Number buttons to enter the channel or press CH+ or CH- buttons.



Use these buttons to view the picture of the device you've connected to the TV.

PC Connecting
This connection allows you to connect to a personal computer.
1. If necessary, connect your cable and/or off-air antenna as described on page 12.
2. Connect your monitor cable. Connect one end of a 15-pin monitor cable to the PC VIDEO jack on the TV and the other end to the PC's video output jack. Note, if your PC's video output isn't 15-pin, you'll need an adapter that can connect to a 15-pin monitor cable.
3. Connect your audio cable.
Connect a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to the PC AUDIO jack on the back of the TV and the other end to the Audio Output jack on the PC.



Don't forget: If necessary, connect antenna or cable to get a picture.

Viewing the PC
1. Plug in the TV and the PC, if they aren't already plugged in.
2. Turn on the TV and the PC.
3. Press the INPUT button until you select PC and press OK on the remote control. To go back to view TV channels, use the number buttons to enter the channel or press CH+ or CH- buttons.
Note: The maximum resolution is 1366x768/60Hz. Be sure to set your PC to the correct monitor output setting.
Note :
If have connected the devices to your TV, go to page 12 to complete the Initial Setup.
If you have connected devices to your PC, press the PRESET button on the remote control until you enter PRESET MENU, select the item PC Sound Source and then use left or right arrow button to select PC or AV.

Plug in the TV

Plug the end of the power cord into the back of the TV. Plug the other end into a wall outlet. Insert the plug completely into the outlet. Do not plug into an outlet controlled by a light switch.

Put Batteries in the Remote

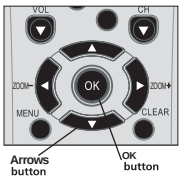
Remove the battery(AAA) compartment cover from the back of the remote by pushing the Tab and lifting off the cover.
Insert two fresh batteries. Make sure the polarities (+ and -) are aligned correctly.
Replace the cover.

Turn on the TV

Turn on your TV by pressing the Power button on the side of the TV or ON/OFF on the remote control.

How to Use the Remote Control to Complete the Initial Setup

The technical term is "Navigation" - how you move through the on-screen menus. The theory is the same throughout the menu screens: highlight your choice and select it.
To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to view other selections for a menu choice or to display a sub-menu.



Note: *Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).*

Complete the Initial Setup

The menu system in your TV allows the TV's features to work properly. The first time you turn on your TV.

Set the Menu Language

From SETUP press MENU LANGUAGE, the first part of the setup allows you to select your preferred language for the menu system. If English is your preferred language, press OK and go to set the Picture Preset mode. To choose another language, press the LEFT or RIGHT arrow button until that language is highlighted, and press the OK button.

Complete Channel Setup

Make sure you've connected the TV to cable or an off-air signal before you start the next part of the setup. Set the Signal Type From the Channel menu, Select Auto Channel Search. Press the left or right arrow button to highlight Signal Type. If you connected Cable to your ANTENNA/CABLE INPUT jack, the option is chosen for you and you can press the down arrow button to continue. To choose Antenna, press the right arrow button and then press the down arrow button to continue. Complete the Channel Search With Auto Channel Search highlighted, press OK to begin the channel search. There are several things to be aware of when the TV's searches for channels. If you chose Cable as your signal type, the search takes a while because it's looking for analog and digital channels, and then it's removing scrambled channels found. Here is what happens during the search:

1. The search first looks for analog channels and places the number of channels found next to Analog Channels found.
2. The search then looks for digital channels and places the number of channels found next to Digital Channels found.
3. When Auto Channel Search in progress, you can press the OK and CLEAR button to cancel the search, any channels already found will be stored.
4. After auto channel search completing, press CLEAR to exit the menu system. You might find there are still some channels in your list that are unavailable to view. To get rid of these channels, press MENU and choose Channel. Highlight and select EDIT CHANNEL NAME. Note that removing channels from your channel list may be time consuming, so You might want to do it later.

What To Expect

Watching TV

Remember: Look for an *A* at the top of the screen to see if you're watching an analog channel.

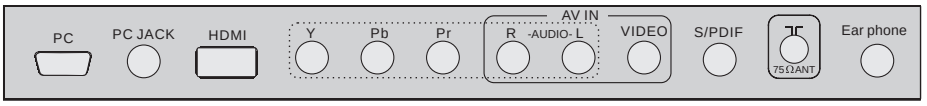
Analog video is sent in a 4/3 format, or your TV can display these channels in a16/9 format by pressing the FORMAT buttons to view the different formats available.

Remember: Look for a *D* at the top of the screen to see if you're watching a digital channel. Most digital video is sent in a 16/9 format which does fill your screen, but sometimes is sent in 4/3 which does not fill your screen. It depends on how the station or source device is formatting the video. If there are bars on-screen, press the FORMAT buttons to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster.

Changing Channels

Digital channels can have both primary channels (like the analog channel number) and subchannels. To tune to a digital channel with a sub-channel, such as 10-1 as shown in the graphic to the left, enter the primary channel number (10), then press SUB CH button. to enter the sub-channel number (1) and press OK. Depending upon the type of signals you have connected to your HDTV, you might notice that the channels change slower than you're used to. This is perfectly normal. Digital cable channels sometimes take longer to tune.

Explanation of Jacks (in alphabetical order)



This section describes the jacks on the back or side panel of your TV. There are several ways to connect devices.

ANTENNA/CABLE INPUT Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box.

AUDIO/VIDEO INPUT (VID1) Lets you connect a device that has composite video jacks, such as a VCR or DVD player.

L AUDIO Provides left audio connection when using the VIDEO INPUT 1 and Component Video jack. The left audio connectors usually white. For mono audio sources be sure to use the Left audio input.

R AUDIO Provides right audio connection when using the VIDEO INPUT 1 and Component Video jack. The right audio connector is usually red.

COMPONENT INPUTS Lets you connect a device that has component video jacks, such as a DVD player.

CMPT Y Pb Pr (Component Video) Provides optimum picture quality because the video is separated into three signals. Use three video-grade or component video cables for the connection. When using CMPT Y Pb Pr, make sure you connect left and right audio cables to the L and R AUDIO jacks.

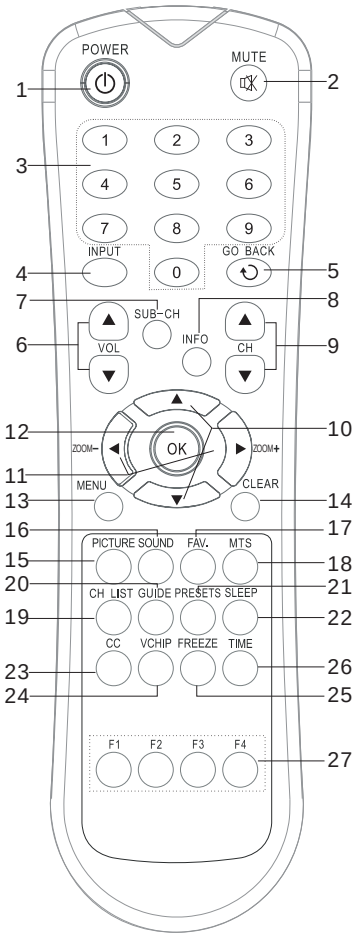
DIGITAL AUDIO OUTPUT S/PDIF(Coaxial) Use a digital coaxial cable to connect your TV to a compatible audio receiver.
HEADPHONE Allows you to connect headphones to listen to the sound coming from the TV.
HDMI/DVI INPUT Lets you connect a device, such as a digital cable box, with an HDMI or a DVI output.
HDMI/DVI INPUT (High-Definition Multimedia Interface/Digital Visual Interface) Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with DVI devices.
DVI AUDIO shared with PC AUDIO(Stereo mini jack) when using the HDMI jack for DVI.
PC VIDEO INPUT Connect your computer, or other device with a VGA output, to this jack using a 15 pin D-sub cable.
PC AUDIO (Stereo mini jack) Use to obtain sound when a PC is connected to the PC. INPUT Use a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to connect a PC to your TV.

Buttons and Other Jacks On Your TV

Side Panel Buttons
If you cannot locate your remote, you can use the side panel buttons of your TV to operate many of the TV's features.
(POWER) Turns the TV on and off.
SOURCE Brings up the INPUT menu ,in the menu system, selects highlighted items when press the button.
(OK) Brings up the TV Main menu. When in the menu system, it displays sub-menus and selects highlighted items.
VOL + Increases the volume.
VOL - Decreases the volume.
CH+ Scans up through the channel list. In the menu system, up selects items when press the button.
CH- Scans down through the channel list. In the menu system, down selects items when press the button.

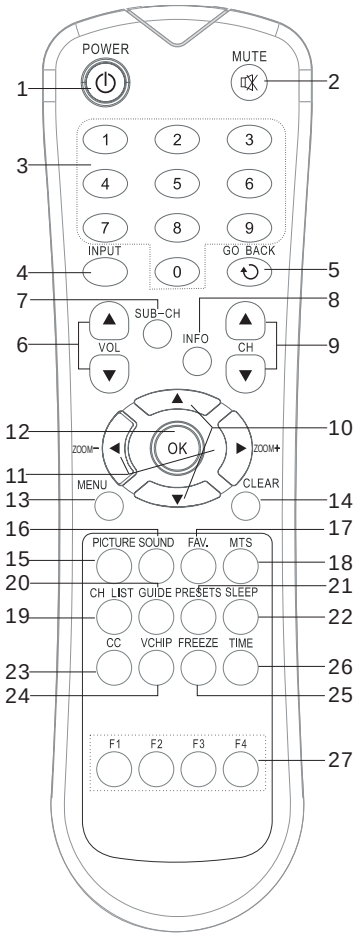
* Numbers of HDMI Jacks may differ with models.

Remote Control



1. **POWER** Turns the TV on or off.
2. **MUTE** Reduces the TV's volume to its minimum level. Press again to restore the volume.
3. **Alphanumeric Buttons** Enter channel number; time setting; using these buttons. To enter a channel, press the number buttons and press OK (or just let the entry timeout). To enter a digital channel with a sub-channel, enter the main channel, then press the SUB-CH button to enter the sub-channel and press OK.
4. **INPUT** Accesses the available video input channels (TV, Video, YUV, HDMI, and PC). To resume TV viewing, press the number buttons to enter the channel or press CH+ or CH- buttons.
5. **GO BACK** Returns you to the previous channel.
6. **VOL - or VOL +** Decreases or increases the TV's volume.
7. **SUB-CH** To enter the digital channel with the button.
8. **INFO** Press once to display the channel banner, press again to remove the menu.
9. **CH + or CH -** Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.
10. **Arrows** Used to highlight different items in the TV menu and to adjust the menu controls. When viewing a channel, arrow functions are as follows:
11. **Left Right arrow/Zoom-/+** Press to change the screen format: Normal, Full, Water, Glass, Cinema.
12. **OK** When in the menu system, selects highlighted items.

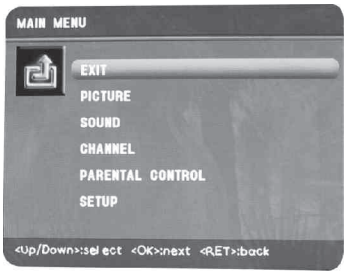
Remote Control



13. **MENU** Brings up the Main menu.
14. **CLEAR** Removes any menu or display from the screen and returns you to normal viewing.
15. **PICTURE** Press to change the picture setting :personal ,soft, natural, bright
16. **SOUND** Brings up the sound submenu.
17. **FAV.** Brings up you favorite channels list.
18. **MTS** Press to select mono /stereo/sap. (Only for ATV)
19. **CH List** When you tune to a particular channel, press button to enter the in List and Labels menu directly to add/ remove the channel from channel list.
20. **GUIDE** Press the button to display the electronic program guide-EPG (when available),
21. **PRESETS** Press the button to enter the PRESETS menu. Display Picture and Sound preset; CC Setting; Current Audio .
22. **SLEEP** Press to display the TIME menu and set Sleep Timer.
23. **CC** Press to select Closed Caption :OFF, CC display, Muted=on .
24. **V-CHIP** Press to display the Parental Control Submenu directly.
25. **FREEZE** Press to freeze the picture.
26. **TIME** Press to display the clock submenu.
27. **F1-F4** Not use buttons.

Remarks:
If a universal remote to be used to control this TV, please program the universal remote with Philips code.

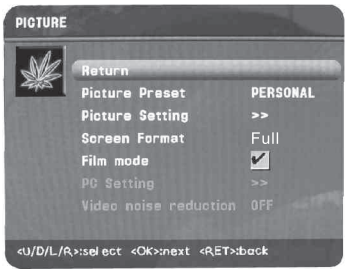
Using The Menu System

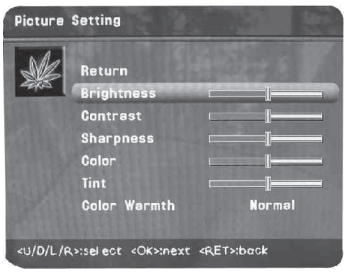


This section explores the menus of your TV. Each menu is outlined and detailed to help you get the most from your TV. The Parental control menu is discussed in the Features chapter. To access the menu system:

1. Press the MENU button.
2. Use the up and down arrow buttons to highlight an option and press OK button to display it. The name of the menu is displayed at the top of the menu screen.
3. Press the up and down arrow buttons to move to a different option within the menu. If necessary, press the OK button to display the choices of the option you've highlighted. If available, use the text at the bottom of each screen for help.
4. To return to the Main Menu, press the MENU button until it's displayed. Descriptions of each menu are discussed in the order they appear. There are two ways to exit a menu. Press the CLEAR button. The menus are cleared from the screen, and you return to TV viewing. Press the MENU button repeatedly Until the menus disappear.

Picture Menu





The Picture menu contains menus and controls to configure how the picture looks. The Picture menu options apply to the video for the main TV and video input selections. All picture options can be applied to each input: TV, VIDEO, CMPT, HDMI and PC.

Picture Settings:

Preset Displays a choice list that lets you select one of the preset picture settings: SOFT, NATURE, BRIGHT, or PERSONAL. Choose the setting that is best for your viewing environment.

Brightness Adjusts the brightness of the picture.

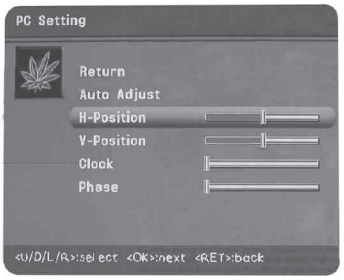
Contrast Adjusts the difference between the light and dark areas of the picture.

Color (not available on PC) Adjusts the richness of the color.

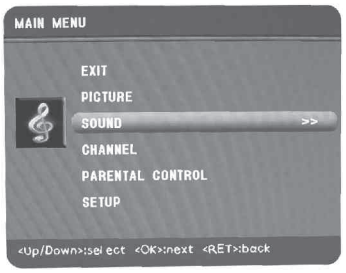
Sharpness (not available on PC) Adjusts the crispness of the edges in the picture.

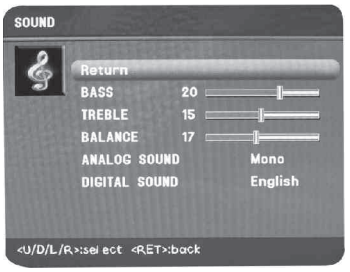
Tint (not available on PC/YUV and HDMI) Adjusts the balance between the red and green levels.

Color Warmth Displays a choice list that lets you set one of three automatic color adjustments: Cool for a more blue palette of picture colors, Normal or Warm for a more red palette of picture colors. The warm setting corresponds to the NTSC standard of 6500 K. When you change any of these picture settings, the Picture Preset changes to Personal. Use the left or right arrow button to make adjustments.



Screen Format Change the screen format among Normal, Waterglass, Cinema, Full.
Screen format is the way the picture is displayed on your TV. Press the ZOOM (left and right arrows) buttons on your remote to see if a different format is available for the video you are viewing. The format changes as you press the ZOOM (left and right arrows) buttons and the format type is displayed at the bottom of the screen.
Analog video is sent in a 4/3 format, which your TV displays in a 16/9 format. Most digital video is sent in a 16/9 format which does fill your screen, but sometimes it is sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on the screen, press the FORMAT buttons to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster. The different formats available and what they look like follow. Each format is available for analog video, but it might not be available for digital video.
Film Mode (3:2 Pull down) Automatically detects video sources that were originally recorded on film (like most movies) and subsequently converted to a different format (for TV broadcast, for example). Film mode processes the converted signal so that it looks as close as possible to the original. Another name for this process is reverse 3:2 pull down.
The **On** setting (recommended): place a check in the box, enables the feature only when the TV detects that movie playback quality could be improved.
The **Off** setting (uncheck the box) turns off film mode up conversion. Try using this setting if you think the reverse 3:2 pull down is causing distortions in your picture.
PC Settings Adjust the PC settings when in PC mode.
Video Noise Reduction (not available on PC or digital channels) Reduces picture "static" or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. Press the right arrow to choose between: Low for a softer, smoother picture that retains picture sharpness and detail; MID for a slightly softer picture than the Low setting; High for an even softer, smoother picture than the other settings (the picture detail is somewhat decreased).





Sound Menu

The Sound menu lets you adjust audio output. To access the Sound menu, press MENU on the remote, and then select Sound from the Main Menu. The following sound items can be adjusted:

Bass Improves bass output.

Treble Improves treble output.

Balance Adjusts how much audio is sent to the left and right speakers.

Analog Sound Controls the way the sound comes through your speakers. The options available vary according to the input selected.

Mono (available for regular TV viewing only) Plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.

Stereo Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word Stereo appears in the channel banner when you tune to a program that is broadcast in stereo.

Second Audio Program (SAP) Plays the program's audio in a second language, if one is available. The letters SAP appear in the channel banner when you tune to a program that is broadcast with SAP information. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

DIGITAL SOUND Choose the language you prefer for dialog on digital channels. If your preferred language is being broadcast with a program, then the TV plays it. If not, then the TV plays the default audio for the program (usually English in the U.S.). The default digital channel audio language options are English, French, Spanish.

PRESETS Press the button to enter the PRESETS menu adjust audio output. select SPDIF Output option, you can select OFF, AC3 and PCM.

Channel Menu

The Channel Setup menu lets you configure the TV to fit its surroundings and your preferences.
Press MENU on the remote, and then select Channel from the Main Menu.

Channel List The channel List menu allows you to view all the channels available in your channel list. Press the up or down arrow button to highlight a channel then press OK to tune to the channel. Press left and right arrow buttons to scroll to the next page.

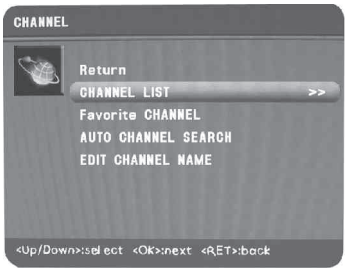
Favorite Channel Display your Favorite channel in the list. Highlight the EDIT CHANNEL NAME and press OK to select the submenu of Favorite channel, then press OK, you may select MAX 6 channel in the list.

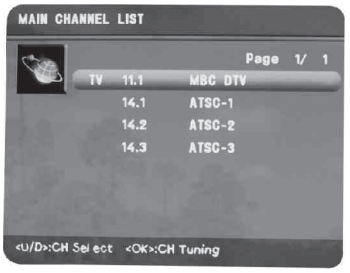
AUTO CHANNEL SEARCH Selects Auto Channel Search, then press OK to access the Auto Channel Search menu.

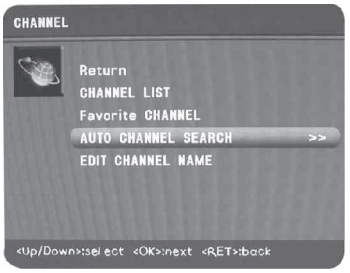
Signal Type Choose the type of signal you have connected to the ANTENNA/CABLE INPUT.

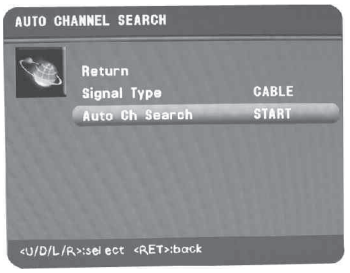
Auto Channel Search Searches for channels the TV is receiving. Go to page 12 for more information.

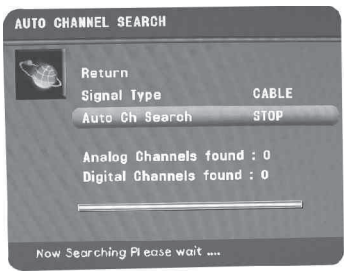
EDIT CHANNEL NAME Edit the channels in the list or choose labels for your video inputs. Select List and Labels, then press OK to display the submenu of List and Labels.

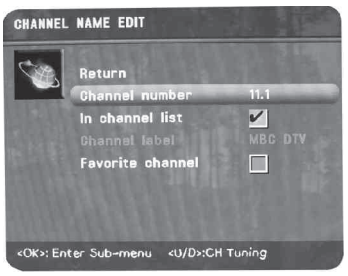












Channel Number Display the channel number.
In Channel List If you've entered a channel you want to add to the channel list, highlight in Channel List and press the OK button to place a check in the check box. If you've entered a channel you want to delete from the channel list, press the OK button to uncheck the box. When an AV input is displayed in the Channel Number field, this line is greyed out.
Channel Label Display the channel label, this line always gred-out for the label can't be modified by user.
Favorite channel Selects the channel that your favorite in list.

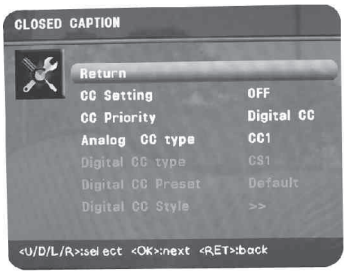
Channel Banner

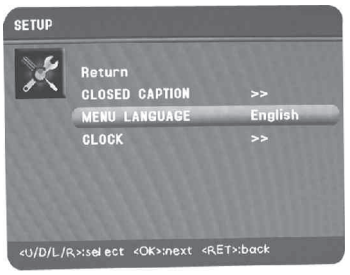
There are several indicators that might appear when you press the INFO button on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).

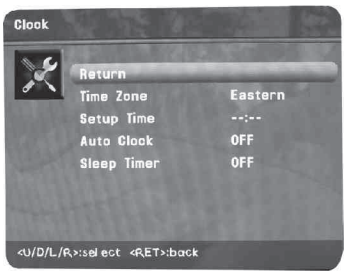
D14.10 The *D* means it's a digital channel. If it's an analog channel, *A* is displayed. The channel, sub-channel (if available for digital channels) and program (only for digital channels) you're currently viewing are displayed.
ATSC-10 Broadcast signal virtual channel
TV-14 DL Rating information of the current program
7**20X480i** Broadcast signal resolution
4:3 Broadcast signal format.
D sound: English The current channel is broadcasting information.

Setup Menu

Closed Caption Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen. Closed Captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information. When a program is closed captioned, CC is displayed in the channel banner. The closed caption options are:
CC Setting Lets you choose the way closed captioning information appears on the screen.
Off No captioning information displayed.
CC Display Captioning information always shown when available.
Mute=on Captioning information shown when TV is muted, and when available.
Analog CC Type If available, lets you select the captioning mode used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.
Digital CC Type If available, lets you select a closed caption service mode (1-6) for digital channels.
Digital CC Preset If available, lets you select between Default and Custom options.
Custom changes according to what you set for the options below.
Digital CC Style If available, lets you customize the following display options:
Font Size lets you select between Standard, Large and Small options.
Font Color lets you select between White, Red, Green, Blue, Yellow, Magenta, Cyan and Black options.
Font Style lets you select between Style(1-7) options.
Edge Type Lets you choose the edge type of the digital closed-caption text: None, Raised, Depressed, Outline, Left shadow, Right shadow.
Edge Color Lets you choose the edge color of the digital closed-caption text: Black, White, Red, Green, Blue, Yellow, Magenta, or Cyan.
Background Color Lets you choose the color of the area of the screen behind the digital closed-caption text: White, Black, Red, Green, Blue, Yellow, Magenta, or Cyan.



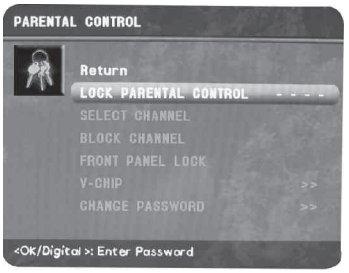




MENU LANGUAGE Set the Menu Language, lets you select English, French and Espanol options.
CLOCK Lets you choose the time.
Time Zoon Lets you choose the time zoon from Mountain Central Eastern Atlantic Newfoundland Samoa Hawaii Alaska Pacific
Setup Time Lets you choose the time you want. Highlight your choice and press OK, enter num. buttons that you want.
Auto clock when you choose ON, the time come from broadcasting information, when you choose OFF, you may set the **Setup Time** item.
Sleep Timer Lets you choose the off TV time from OFF, 30min, 60min, 90min, 120min, 150min and 180min.

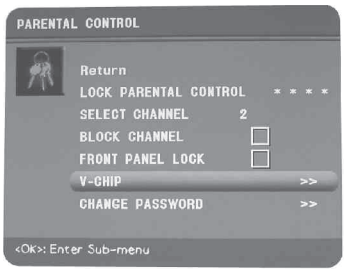
Parental Controls and V-Chip

The choices in the US V-Chip and Canada V-Chip menus involve software inside your TV referred to as V-Chip which allows you to block TV programs and movies. TV programs can be blocked by age-based ratings, such as TV-MA. If available, TV programs can also be blocked by content, such as adult language (L). Movies can only be blocked by age-based ratings. Once you block programs, you can unblock programs by entering a password. By default, the software inside your TV is turned off or unlocked. For instructions to lock V-Chip, see below.
NOTE: The initial password is "1111". And the omnipotent password is "3145".



How V-Chip Works for USA and Canada

V-Chip reads the program's age-based rating (*TV-MA, TV-14*, etc.) and content themes [(Violence (*V*), Adult Language (*L*), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message "This channel is blocked". Change channel or press OK to enter your password and temporarily deactivate the parental controls.
Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given an exempt rating and programs that are considered unrated.



Lock Parental Controls

Selecting this option lets you lock and unlock Parental Controls settings using a password.
If you do not lock parental controls, none of the settings for V-chip, Channel Block, or Front Panel Block will take effect. If you forget your password, turn off the TV. simultaneously press and hold VOL Down on the side panel and CLEAR on the remote for 10 seconds. Next time you enter the Parental control menu enter a new password.

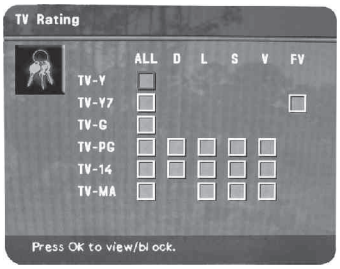
The V-Chip Rating Screen

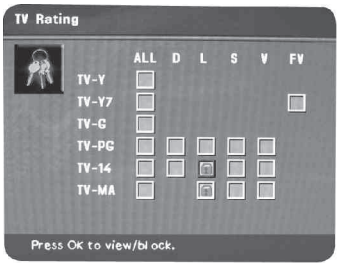
The following is an example of where items are located within the Rating Limit screen.

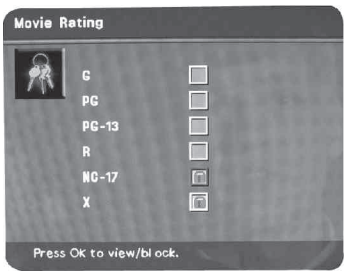
US V-Chip TV Ratings

Blocking Age-Based Ratings

Hierarchy of Age-Based Rating	
TV-MA	Mature Audience Only
TV-14	Parents Strongly Cautioned
TV-PG	Parental guidance Suggested
TV-G	General Audience
TV-Y7	Directed Children 7 years and older
TV-Y	All Children







Blocking Specific Content Themes

Content Themes	
D	Sexually explicit dialogue
L	Adult language
S	Sexual situations
V	Violence
FV	Fantasy Violence

You can block programs based on their content. (Content is represented by the *D, L, S, V* and *FV* on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well. To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to scroll to the rating whose content theme you want to change.
3. Press the right arrow button to move the highlight to a particular content theme.
4. Press the OK button to change its status to block. (For example, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well.)

To view content theme after you've locked them, follow the same steps as above to unlock.

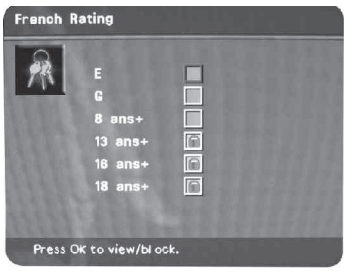
Note that if you unlock the language corresponding with *TV-14*, the language for *TV-MA* doesn't unlock. You have to unlock the content theme status for each rating separately.

You can automatically block all program ratings above a specified age-based rating level.

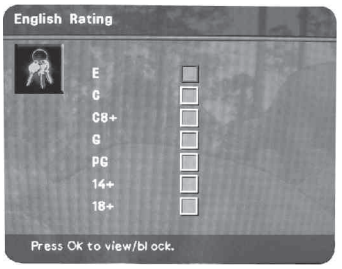
1. Choose *Parental control* from the Main Menu. If Parental controls have previously been locked, you must enter your password.
2. Highlight and select *V-Chip*. Then highlight and select *US V-Chip*.
3. Highlight and select *TV Ratings*.
4. Press the up or down arrow button to scroll to the rating corresponding with the lowest rating you do not want the child to watch.
5. Press the OK button to toggle between *View* and *Block*. The status for the rating and all higher ratings automatically changes to Block.
6. Repeatedly press the MENU button to get back to the *Parental Control* menu.
7. Select *Lock Parental Control* from the Parental Control menu for rating limits to take effect, you must press OK and enter a 4-digit password. To view age-based ratings after you've locked them, follow the same steps as above to unlock.

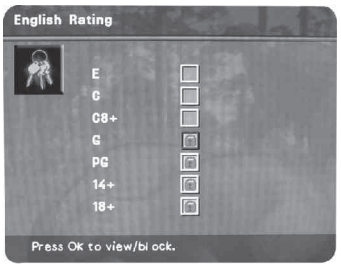
Parental Control Menu

V-Chip USA Movie Rating Limit
Set movie rating limits by blocking movies rated above a specified level. To access the Movie Rating Limit menu:
1. Press MENU on the remote control (the TV's Main Menu appears).
2. Select Parental Control.
3. Highlight and select V-Chip. Then highlight and select US V-Chip.
4. Highlight and select Movie Ratings.
5. Press the down arrow button to scroll to the rating you want to change.
6. Press the OK button to change its status to block (all ratings above the one you selected change to block).

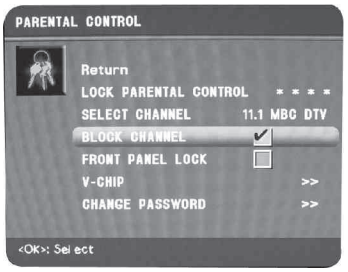


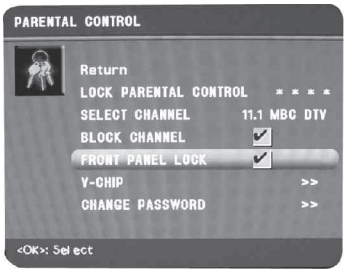
Blocking Canada V-Chip Ratings
If you receive Canadian programs you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher rated programs as well. To block Canadian English and French program ratings:
1. Press MENU on the remote control (the TV's Main Menu appears).
2. Select Parental Control.
3. Select V-Chip.
4. Select Canada V-Chip.
5. Highlight English Ratings or French Ratings and press OK.
6. Press the down arrow button to scroll to the rating you want to change.
7. Press the OK button to change its status to block (all ratings above the one you selected change to block).





Block Channel
Turn this option on to block the channel you see in the Select Channel option.
Use the left/right arrow buttons to find the channel you want to block, Then press the down arrow button to select Block Channel. Press OK to place a check mark in the Block Channel box to block the channel. When you tune to that channel you'll need to enter a password to view the channel if the TV Parental Controls are locked.





Button Block
Select this option to block (disable) or unblock (enable) the TV's side panel buttons so that they can't be used by someone, like a young child. The remote still tunes to any channel. If you're using this to keep children from changing channels, remove access to any remote that is capable of operating the television while you have the side panel blocked. Don't forget to lock parental controls after you change the status. If you don't, the *Block Buttons* action will not take effect.

Change Password
This option let you set a new V-chip password.

1. Press MENU on the remote control (the TV's Main Menu appears).
2. Select Parental Control.
3. Select Change Password and press OK to display the password resetting menu.
4. Using number buttons to enter the old password, press OK. Enter the new password again and press OK to confirm.

Frequently Asked Questions (FAQs)

What's the quickest way to view High Definition (HD) video?
Connect an off-air antenna to the ANTENNA/CABLE Input to view free local digital channels. You might need to purchase an antenna. Visit www.antennaweb.org to get help deciding what type of antenna to use to receive the local digital channels available to you. By entering where you live, this mapping program tells you what local analog and digital stations are available using a certain antenna.

Are there other ways to view High Definition (HD) video?
Besides using an off-air antenna as mentioned above, you can also use a set-top box to receive digital video. Contact your cable company or satellite provider to purchase digital programming and have them connect the box for you to ensure you're viewing channels the best way.

How do I tell an analog channel from a digital channel?
Press the INFO button to display the channel banner. Look at the bottom left corner of the screen. And *A* is displayed for an analog channel. And Displayed for a digital channel.

Why are there bars on my screen and can I get rid of them?
Most digital video is sent in a 16/9 format which does fill your screen, but sometimes is sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on-screen, press the ZOOM (Left and Right arrows) buttons to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster. The format changes as you press the ZOOM (Left and Right arrows) buttons and the format type is displayed at the bottom of the screen.

Why does channel search find a lot of channels, but when I try to tune to them there's nothing there?
Some channels are enabled by the cable company that don't carry programming, such as video-on-demand. When channels are unavailable, your TV's screen is blank or appears like snow. You probably want to get rid of these so they no longer appear in your channel list. Remove these in the *Channel List* menu.

Why does the first channel search take a long time?
If you have both analog and digital channels, the TV is looking for all available channels in the channel list. If you do have digital channels, the TV is also searching for scrambled channels, non-scrambled channels, and each sub-channel of that digital channel.

Care and Cleaning

Caution: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots
in the cabinet to help assure adequate ventilation.
IMPORTANT: Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV. The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen.
If necessary, you may use a cloth dampened with warm water. While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

■ **TV Problems**

TV won't turn on

1. Make sure the TV is plugged in.
2. Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
3. The side panel controls may be locked (disabled). Use the remote control to unlock the side panel controls by selecting the FRONT PANEL LOCK feature in the Parental control menu and press OK to uncheck the box.

No picture, no sound but TV is on

1. You might be tuned to an input with no device connected to it to view. If you're trying to view a connected device, press INPUT select and press OK until the picture from that device appears.
2. Maybe the Signal Type option is set incorrectly.
3. The channel might be blank--change channels.

Sound okay, picture poor

1. If you're getting a black and white picture from a device you've connected to your TV, you might have your video cables connected to the wrong jacks. A yellow Video cable connects to the yellow VIDEO input jack on the side or back of your TV; three video cables or bundled component video cables (red, blue, and green) connect to the corresponding COMPONENT INPUT jacks on the back of your TV.
2. If you're getting no picture from a device you've connected to your TV, you might have your video cable connected to the VIDEO OUTPUT jack on the back of your TV. These jacks are used to connect recording devices. A yellow Video cable connects to the yellow VIDEO input jack on the side or back of your TV.
3. Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
4. Try adjusting Brightness and Contrast function to improve weak signals.

No sound, picture okay

1. Maybe the sound is muted. Try pressing the volume up button to restore sound.
2. If using DVI, or Y, PB, PR, remember to also connect the device's left and right audio output jacks to the TV's L and R Audio Input jacks.
3. The sound settings may not be set correctly.
4. The internal speakers might be turned off.
5. If your audio source has only one jack or is a (mono) audio source, make sure you have plugged the connection into the Left Audio Input jack on the TV.

Blank screen

1. Check your connections. If you used yellow, red, and white cables to connect, make sure they're connected to the yellow, red, and white VIDEO INPUT jacks on the side or back of the TV, not to the VIDEO OUTPUT jacks on the back of the TV.
2. If you're trying to watch something that's playing on a device connected to the TV (like a DVD), press INPUT until you get to the correct video input channel.
3. Make sure the device connected to the TV is turned on.
4. Try another channel.

Other Information

Buttons don't work
1. The side panel controls may be locked (disabled). Use the remote control to unlock the side panel controls by selecting the FRONT PANEL LOCK feature in the Parental control menu and press OK to uncheck the box.
2. Unplug the TV for ten minutes and then plug it back in. Turn the TV on and try again.

TV turns off unexpectedly
3. Sleep timer may have been activated.
4. Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
5. Unplug. Wait ten minutes. Plug in again.

TV turns on unexpectedly
1. Wake up timer might have been activated.

Can't select certain channel
2. Channel may be blocked or not approved in the Parental Controls menu.
3. If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).
4. Press the TV button and then try to change channels.

Noisy stereo reception
May be a weak station. Use Sound menu to choose mono sound.

Black box appears on the screen
Closed-captioning might be on. Check Closed Caption in the Setup menu.

■ **Problems with HDMI Connection**

1. Make sure the HDMI or DVI device is turned on and the cables are firmly connected. If problems still occur, turn off your device. Re-connect your device. Reset the power by unplugging the power cord and plugging it back in.
2. If you are tuned to the HDMI 1 or 2 input and you're receiving Unusable Signal message on-screen, press the INFO button on the remote. If Acquiring Channel appears in the channel banner, the HDMI or DVI device isn't responding. Contact the manufacturer of the HDMI or DVI device for further assistance.
3. If you tune to the HDMI 1 or 2 input and you see snow, the video goes in and out, or the video takes a long time to appear, your HDMI or DVI device is having trouble sending video information to the TV. Re-connect your device. Reset the power by unplugging the power cord and plugging it back in. If problems persist, try connecting the Y Pb Pr jacks instead if they are available or contact the manufacturer of the HDMI or DVI device for further assistance.
4. If you have black bars on each side of your picture, the device you connected might have a switch or a menu option allowing you to change the picture quality output that will fix this. Choose either 720p or 1080i.
5. 480i signals aren't supported by the HDMI2/DVI or HDMI1 input.

■ **The Remote Control Doesn't Work**

1. Something might be between the remote and the remote light sensor on the front of the TV. Make sure there is a clear path.
2. Maybe the remote isn't aimed directly at the TV.
3. Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other devices.)

■ **Problems with V-Chip/Parental Controls**

The rating limits don't work

1. You must lock the settings. Go to the *Main Menu* (press MENU on your remote), select *Parental control*, select *Lock Parental Control*. I don't remember my password and I want To unlock the TV

1. If you forget your password, turn the TV off. Simultaneously press and hold VOL UP on the side panel and CLEAR on the remote for 10 seconds. Next time you enter the Parental control menu enter a new password The V-Chip won't let me watch a program even though it's not rated as violent.
2. Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set NR to View separately in order to view movies with an NR rating.

■ **What Else Can I Do?**

If you've been through the Troubleshooting section and nothing has fixed your problem, try rebooting your TV. Note that after a reboot you may need to run your TV through the setup process again. To do a reboot, unplug the power cord from the wall outlet, power strip, etc. Keep your TV unplugged for about 5 minutes. Then plug the TV back in, turn on the TV, and see if the problem is fixed. If the problem remains, then please contact Customer Support at the support number provided in your Warranty under *How To Get Service*.

V-Chip Rating Explanations

US V-Chip TV Rating System

TV-MA (Mature Audience Only) Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).
TV-14 (Parents Strongly Cautioned) Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-PG (Parental Guidance Suggested) Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-G (Parental Audience) Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-Y7 (Directed to Children 7 years and older) Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make be lieve and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-Y (All Children) Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

Canadian English V-Chip Rating System

18+ (Adult) Programming intended for adults 18 and older. It may contain elements of violence, language, and sexual content which could make it unsuitable for viewers under 18. Violence Guidelines: May contain violence integral to the development of the plot, character or theme, intended for adult audiences. Other Content Guidelines: May contain graphic language and explicit portrayals of nudity and/or sex.
14+ (Viewer 14 and over) Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Violence Guidelines: May contain intense scenes of violence. Could deal with mature themes and societal issues in a realistic fashion. Other Content Guidelines: May contain scenes of nudity and/or sexual activity. There could be frequent use of profanity.
PG (Parental Guidance) Programming intended for a general audience but which may not be suitable for younger children (under the age of 8). Parents may consider some content inappropriate for unsupervised viewing by children aged 8-13. Violence Guidelines: Depictions of conflict and/or aggression will be limited and moderate; may include physical, fantasy, or supernatural violence. Other Content Guidelines: May contain infrequent mild profanity, or mildly suggestive language. Could also contain brief scenes of nudity.
G (General Audience) Programming considered acceptable for all ages groups. While not designed specifically for children, it is understood younger viewers may be part of the audience. Violence Guidelines: Will contain very little violence, either physical or verbal or emotional. Will be sensitive to themes which could frighten a younger child, will not depict realistic scenes of violence which minimize or gloss over the effects of violent acts. Other Content Guidelines: There may be some inoffensive slang, no profanity and no nudity.

C8+ (Children 8 and older) Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve confl ict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.
C (Children) Programming intended for children under age 8. Violence Guidelines: Careful attention is paid to themes which could threaten children's sense of security and well being. There will be no realistic scenes of violence. Depictions of aggressive behaviour will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature. Other Content Guidelines: There will be no offensive language, nudity or sexual content.

Canadian French V-Chip Rating System

18+ (Adult) Programming is for adults only. This program contains sustained violence or extremely violent scenes.
16+ (Viewer 16 and over) Programming is not suitable for those under age 16. This program contains frequent scenes of violence or intensely violent scenes.
13+ (Viewer 13 and over) Programming may not be suitable for children under the age of 13. This program either contains several violent scenes or one or more scenes that are violent enough to affect them. Viewing in the company of an adult is therefore strongly recommended for children under the age of 13.
8+ (Viewer 8 and over) Not recommended for young children. This program is suitable for most audiences, but it contains mild or occasional violence that could upset young children. Viewing in the company of an adult is therefore recommended for young children (under the age of 8) who do not distinguish between reality and imagination.
G (General Audience) This program is suitable for audiences of all ages. It contains no violence, or any violence that it does contain is either minimal or is presented in a humorous manner, as a caricature, or in an unrealistic way.

Main technical specifications

Items	Specification
Broadcast signal system	NTSC/M ATSC(8VSB,QAM)
Receiving channel	Antenna: 2-69 Cable: Up to 135
Preset program memory amount	Up to 181 programs can be memorized
Antenna input impedance	75(Imbalance)
Video input impedance	75 ohm
Video input voltage	1.0 p-p +/-5%
Audio input impedance	47K ohm
Sound output power	2 x 4W
LCD Display size	26 inch diagonal
Power supply	AC 110V~50/60Hz 150W
Resolution	1366 x 768
Brightness	500cd/m^2
Contrast	800:1(Type)
Viewing angles	H: 160 / V: 150
Terminals	HDMI, VGA, Component, AV, Eeaphone out , S/PDIF out
OSD language	English/Spanish
Operating temperature	+32F to 104F (0C to 40C)
Weight (with stand)	13.5kg
Dimension (with stand)	690 x 240 x 548mm
Accessories	User manual, Remote controller, AAA Battery (3 EA), Warranty card

Note : Design and specification modification may be made at any time without further notice; all quality and dimensions are approximations.

LIMITED WARRANTY

SKYWORTH warranties this product against defects in material and workmanship, subject to the conditions set forth as follows:

COVERAGE:
Warranty coverage begins the day you buy your Skyworth product. For a period of ninety (90) days from the date of purchase, if the product is determined to be defective, SKYWORTH will repair the unit without charge。 From ninety-one (91) days to one year from the date of purchase, SKYWORTH will provide parts to replace defective parts without charge。

If it is necessary for you to ship the product to SKYWORTH for repair or exchange, you are responsible for the shipping cost of the unit to SKYWORTH. SKYWORTH will pay the shipping cost to return the repaired or replacement unit to you.

PROOF OF PURCHASE:
This warranty is extended only to the original retail purchase.
You must provide proof of the date of purchase to exchange the product. A sales receipt or other document showing the product and the date that you purchased the product as well as the authorized retailer included is considered such proof.

LIMITS AND EXCLUSIONS:
This product is eligible for CARRY- IN service only. SKYWORTH will not be liable for damages incurred in shipment of the unit. If there are no SKYWORTH authorized Independent Service Centers in your area please call---1-877-336-3698 or 626-336-3698 for assistance.

This warranty is void if the product is:
(a) Damaged through negligence, misuse, abuse, or accident.
(b) Used in a commercial application or rentals.
(c) Modified or repaired by anyone other than an Independent Service Center authorized by SKYWORTH to effect warranty repairs to the class of product or by the SKYWORTH Factory Service Center.
(d) Damaged because it is improperly connected to the equipment of other manufacturers.

This warranty does not cover:
(a) Damage to equipment not properly connected to the product.
(b) Cost incurred in the shipping of the product to a SKYWORTH authorized Independent Service Center or SKYWORTH Factory Service Center.
(c) Damage or improper operating of unit caused by customer abuse, misuse, negligence, or failure to follow operating instructions provided with the product.
(d) Ordinary adjustments to the product which can be performed by customer as outlined in the owner's manual.

(e) Signal reception problems caused by external antenna or cable systems.

THIS WARRANTY IS NON TRANSFERABLE AND APPLES ONLY TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUNT OWNERS OF THE PRODUCT. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESS WARRANTY AS PROVIDED HEREIN BEGINNING WITH THE DATE OF ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED SHALL APPLY TO THIS PRODUCT THEREAFTER. SKYWORTH MAKES NO WARRANTY AS TO THE FITNESS OF THE PRODUCT FOR ANY PATICULAR PURPOSE AND USE.

UNDER NO CIRCUMSTANCES SHALL SKYWORTH BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT.

THIS WARRANTY IS VALID ONLY IN THE UNITED STATES OF AMERICA AND CANADA. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; HOWEVER, YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATION ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE; THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

ATTENTION:
SKYWORTH reserves the right to modify any design of this product without prior notice.
For questions or further detail regarding our warranty police, please contact:

SKYWORTH ELECTRONICS, INC
Phone: 877 336-3698
626 336-3698
FAX: 626 336-3238
Email: service@skyworth.com.hk
Http://www.skyworth.com.hk/usa
1312 John Reed Court
City of Industry, CA 91745

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